EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"20050201588"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/19 16:15
S2	843	381/423.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/26 07:57
S3	166	381/424.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/26 08:55
S4	663	381/398.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/26 10:25
S5	209	381/404.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/26 10:52
S6	151	381/407.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/26 13:01
S7	395	(funahashi near osamu).in. or (morimoto near hiroyuki).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 15:00
S8	11099	(matsushita).as. and speaker	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/26 13:21
S9	519	(matsushita).as. and (speaker with edge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/26 13:47
S10	57	(matsushita).as. and (speaker with suspension)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/26 13:47

EAST Search History

S11	288	381/400.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 08:46
S12	104	381/184.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 13:56
S13	138	381/342.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 14:18
S14	190	381/403.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 08:48
S15	750	181/171.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 10:39
S16	320	181/172.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 10:39
S18	323	"381/420".ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/19 16:19
S19	507	"381/432".ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/20 07:55
S20	801	(181/164,165,173).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/20 07:56

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2001	(hiroyuki near kobayashi).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 15:33
S2	36	(hiroyuki near kobayashi).in. and speaker	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/26 15:18
S3	2	"20050201588"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/26 15:20
S4	2	"20050141746"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/26 15:52
S5	13	"4764968"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/26 15:54
S6	16	"4029911"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/26 16:00
S7	449	suspension adj holder	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/26 16:00
S8	34	(speaker loudspeaker tranducer) and suspension adj holder	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/26 16:03
S10	528	(speaker loudspeaker tranducer) and (second adj edge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/26 16:04
S11	22	(speaker loudspeaker tranducer) and (second adj edge) with diaphragm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/26 16:11

EAST Search History

S12	190	381/403.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/26 16:25
S13	750	181/171.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/26 16:32
S14	320	181/172.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/26 16:36
S15	170	speaker and diaphragm with coupl$4 with center	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/26 16:36
S16	3	speaker and diaphragm with coupl$4 with center with suspension	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/26 16:37
S17	11	speaker and diaphragm with coupl$4 with center with support	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/26 16:38
S18	328	speaker and diaphragm with (bent bend)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/26 16:38
S19	33	speaker and diaphragm with (bent bend) with center	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/26 16:45
S21	270	181/157.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/26 16:52
S22	8	speaker same diaphragm same conical same bent same coupl$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/26 16:53

EAST Search History

S23	379	speaker and (diaphragm with (conical and (flat plane)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 07:54
S24	18	speaker and ((diaphragm with (conical and (flat plane))) same (bend bent))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 07:56
S25	3066	speaker and diaphragm with (conical flat plane inverted)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 07:57
S26	158	speaker and diaphragm with (conical flat plane inverted) and (inner adj periphery)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 07:58
S27	30	speaker and diaphragm with (conical flat plane inverted) with (inner adj periphery)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 08:03
S28	4	speaker and (conical flat plane inverted) with (inner adj periphery adj diaphragm)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 08:04
S29	32	speaker and (inner adj periphery adj diaphragm) and (outer adj periphery adj diaphragm)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 08:05
S30	1899	(leonhard kreitmeier).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 12:59
S31	4	(leonhard kreitmeier).in. and speaker	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 13:00
S32	29	(leonhard kreitmeier).in. and loudspeaker	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 13:06

EAST Search History

S33	133	(jurgen ringlstetter).in. and loudspeaker	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 13:32
S34	10	("5619019" "6069965" "4680800" "5014323" "6385327").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 13:32
S35	42	(toshifumi near kato).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 15:39
S36	3062	pioneer.as. and speaker	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 15:39
S37	308	pioneer.as. and speaker and diaphragm and (voice adj coil)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 15:51
S38	257	(magnetic adj circuit) and (magnetic adj gap) and (voice adj coil) and bobbin and diaphragm and edge	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 15:52
S39	3	(magnetic adj circuit) and (magnetic adj gap) and (voice adj coil) and bobbin and diaphragm and (first adj edge) and (second adj edge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 15:53
S40	12	(magnetic adj circuit) and (magnetic adj gap) and (voice adj coil) and diaphragm and (first adj edge) and (second adj edge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 15:54
S41	18	(magnetic adj circuit) and ((voice adj coil) or bobbin) and diaphragm and (first adj edge) and (second adj edge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 15:55
S42	1260	(voice adj coil) with (damper edge spider) with (diaphragm)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 15:56

S43	1001	(coupl$4 fix$4 attach$4 mount$4 adher$4 connect$4) same ((voice adj coil) with (damper edge spider) with (diaphragm))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 15:58
S44	862	(coupl$4 fix$4 attach$4 mount$4 adher$4 connect$4) with ((voice adj coil) with (damper edge spider) with (diaphragm))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 15:58
S45	24	(coupl$4 fix$4 attach$4 mount$4 adher$4 connect$4) near ((voice adj coil) with (damper edge spider) with (diaphragm))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 16:04
S46	416	(coupl$4 fix$4 attach$4 mount$4 adher$4 connect$4) near ((damper edge spider) with (diaphragm))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 16:05
S47	1755	(coupl$4 fix$4 attach$4 mount$4 adher$4 connect$4) near2 (damper edge spider) near2 (diaphragm)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 16:06
S48	444	(coupl$4 fix$4 attach$4 mount$4 adher$4 connect$4) near (damper edge spider) near (diaphragm)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 16:07
S49	444	(coupl$4 fix$4 attach$4 mount$4 adher$4 connect$4) near (damper edge spider) near (diaphragm)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 16:26
S50	12	(joseph near yaacoub near sahyoun).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 16:33
S51	4	(wobble adj free) with (voice adj coil)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 16:33
S52	117	(wobble rolling) with (voice adj coil)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/28 11:11

S54	1	(symmetr$4 near excursion) with (voice adj coil)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/28 11:13
S55	26	(linear near excursion) with (voice adj coil)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/28 11:13
S56	35	($speaker) and dust with rib	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/29 11:14
S57	65	($speaker) and dust with net	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/29 11:32
S58	74	($speaker) and dust$ with net	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/29 11:44
S59	262	($speaker) and dust$ with frame	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/29 11:44
S60	33	($speaker) and dust$ with frame with (vent$4 hole open$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/29 11:46
S61	30	($speaker) and dust$ with frame with (vent ventilation hole open$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/29 15:25
S62	34	($speaker) and dust$ with (basket frame) with (vent ventilation hole open$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/10 15:18
S63	118	($speaker) and dust$ with (frame basket housing) with (vent$5 hole open$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/10 12:49

EAST Search History

S64	8	($speaker) and dust$ with (frame basket housing) with (vent$5 hole open$3) with (net screen mesh)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/10 12:53
S65	61	($speaker) and dust$ with (vent$5 hole open$3) with (net screen mesh)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/10 13:21
S66	253	"381".clas. and dust$ with (vent$5 hole open$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/10 13:21
S67	26	"381".clas. and dust$ with (vent$5 hole open$3) with (net screen mesh)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/10 13:26
S68	26	"381".clas. and dust$ with (vent$5 hole open$3) with (net screen mesh)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/10 13:29
S69	4	"381".clas. and dust$ with (voice adj coil) with (net screen mesh)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/10 13:32
S70	20	"381".clas. and dust$ adj (net screen mesh)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/10 13:32
S71	33	"381".clas. and dust$ adj2 (net screen mesh)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/10 14:03
S72	18	"381".clas. and dust$ with (basket frame) with (vent ventilation hole open$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/10 15:27
S73	3217	"381".clas. and (basket frame housing) with (vent ventilation hole open$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/10 15:28

EAST Search History

S74	364	"381".clas. and (basket frame housing) with (vent ventilation hole open$3) and dust$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/10 15:28
S75	135	"381".clas. and (basket frame housing) with (vent ventilation hole open$3) same dust$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/10 15:28
S76	3128	$speaker and (frame basket housing) and (ventilation vent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 08:54
S77	695	$speaker and (frame basket housing) with (ventilation vent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 08:54
S78	183	$speaker and (frame basket housing) near2 (ventilation vent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 08:54
S79	73	$speaker and (frame basket housing) near (ventilation vent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 08:54